

Notice of Allowability

Application No.

10/613,261

Applicant(s)

PAKHOMOV, SERGEY V.S.

Examiner

Sam Rimell

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☒ This communication is responsive to Amendment of 9/22/05.
2. ☒ The allowed claim(s) is/are 1-7,9,11 and 12.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Herewith.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |


Sam Rimell
Primary Examiner
Art Unit: 2164

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Walt Linder on October 17, 2005.

Claim 1:

(Currently amended) A method for generating training data that can be used with statistical models to normalize abbreviations in text, including:

providing a corpus of text including expansions of the abbreviations to be normalized;
processing the corpus of text to identify the expansions in the corpus of text;
processing the corpus of text to generate context information describing the context of the text in which the expansions were identified; and

storing training data as a function of the generated context information, the stored training data including a set of feature vectors where each feature vector includes the abbreviation, associated expansion and the context information generated for the associated expansion identified in the corpus of text.

Drawing Corrections

Formal drawings are required to replace the hand sketches in all figures which were originally submitted. The drawings must be submitted in response to this action.

Art Unit: 2164

Reasons for Allowance

Claims 1-7, 9 and 11-12 are pending. Only claim 1 is independent. The closest prior art is Taira (U.S. Pre-Grant Publication US2003/0105638). Claim 1 was amended in the amendment of 9/22/05 to define training data including a set of feature vectors where each feature vector includes the abbreviation, associated expansion and context information generated for the associated expansion identified in the corpus of text. This feature is not in Taira. Claim 1 has been further amended by examiner's amendment to further recite "the stored training data for purposes of clarity in the claim. It is also noted that the method of claims 1-7, 9 and 11-12 are understood to be an automated method (Summary of the Invention, line 1).


SAM RIMELL
PRIMARY EXAMINER